

## ABSTRACT

A system and method of presentation of 3D data sets in a 3D display is presented. In exemplary embodiments according to the present invention the method involves displaying data in an overview mode wherein localization markers can be set and

5 manipulated, and in a local mode wherein data surrounding a localization marker can be rendered using different display parameters. In exemplary embodiments according to the present invention the mode in which data is displayed can be selected by a user. In preferred exemplary embodiments according to the present invention the method can be implemented recursively, such that within local mode sub-localization markers

10 can be set and manipulated, and data can be displayed in a sub-local mode wherein data surrounding a sub-localization marker can be rendered using display parameters which can be different from both those of an overview display mode and those of a local display mode.